

Notice of Allowability

Application No.

09/675,699

Examiner

Tony Mahmoudi

Applicant(s)

MCMULLAN ET AL.

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 05-October-2005.
2. ☒ The allowed claim(s) is/are 3-14 and 16-18, re-numbered as claims 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

JEFFREY CAFFIN
SUPERVISOR, PATENT EXAMINER
ART UNIT 2100

DETAILED ACTION

Remarks

1. In response to the amendment filed on 05-October-2005, claims 1 and 15 are canceled and claims 2-3, 5, 8,10-13, and 16 are amended per applicant's request.

2. In view of the examiner's amendment, authorized by the Attorney of Record, claim 2 is canceled, and claim 3 is further amended by the examiner (details provided below.)

Therefore, claims 3-14 and 16-18 are presently pending in the application, of which, claims 3, 10, 12-13, and 16 are presented in independent form.

Examiner's Amendment

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Matthew S. Anderson (Attorney of Record) on 19-October-2005 (see enclosed Interview Summary, paper No. 20051019-1.)

IN THE CLAIMS:

Claims 2 and 3 amended by the examiner as follows:

2. (Canceled).

3. (Currently Amended) A computer system comprising:

a first computer network;

a first computer subsystem comprising collaborative application software, with the collaborative application software comprising machine readable instructions for sending application output data over the computer network;

a second computer subsystem structured to receive the application output data; and

a second subsystem firewall, located in front of the second application subsystem, the second-subsystem firewall structured to communicate the application output data to the second computer subsystem through a hypertext transfer protocol keep-alive connection that is kept open for the duration of a collaboration,

wherein the computer system further comprises communication software comprising machine readable instructions for opening a first subsystem thread in the second computer subsystem for receiving the application output data, and

wherein the second computer subsystem comprises a second subsystem socket structured to receive the application output data; and

the communication software further comprises machine readable instructions for causing the second-subsystem socket to block on a read.

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Allowance

4. Claims 3-14 and 16-18 are allowed over the prior art made of record.
5. The following is an examiner's statement of reasons for allowance:

The applicant's amendment, filed on 05-October-2005, and the examiner's amendment detailed above, overcome the cited prior art with respect to the independent claims:

Original dependent claims 3, 10, 12-13, and 16, which were previously objected to by the examiner for containing "allowable subject matter", have been re-written in independent form by the applicant, including their base claims and all intervening claims.

Original independent claims 1 and 15 and have been canceled by the applicant and original dependent claim 2 has been canceled by the examiner's amendment.

Claims 4-9, 11 and 14 are allowed as dependents of allowed claim 3.

Claims 17-18 are allowed as dependents of allowed claim 16.

Conclusion

6. Any inquiries concerning this communication or earlier communications from the examiner should be directed to Tony Mahmoudi whose telephone number is (571) 272-4078. The examiner can normally be reached on Mondays-Fridays from 08:00 am to 04:30 pm.

tm

October 19, 2005